

**RICOH XR-6**

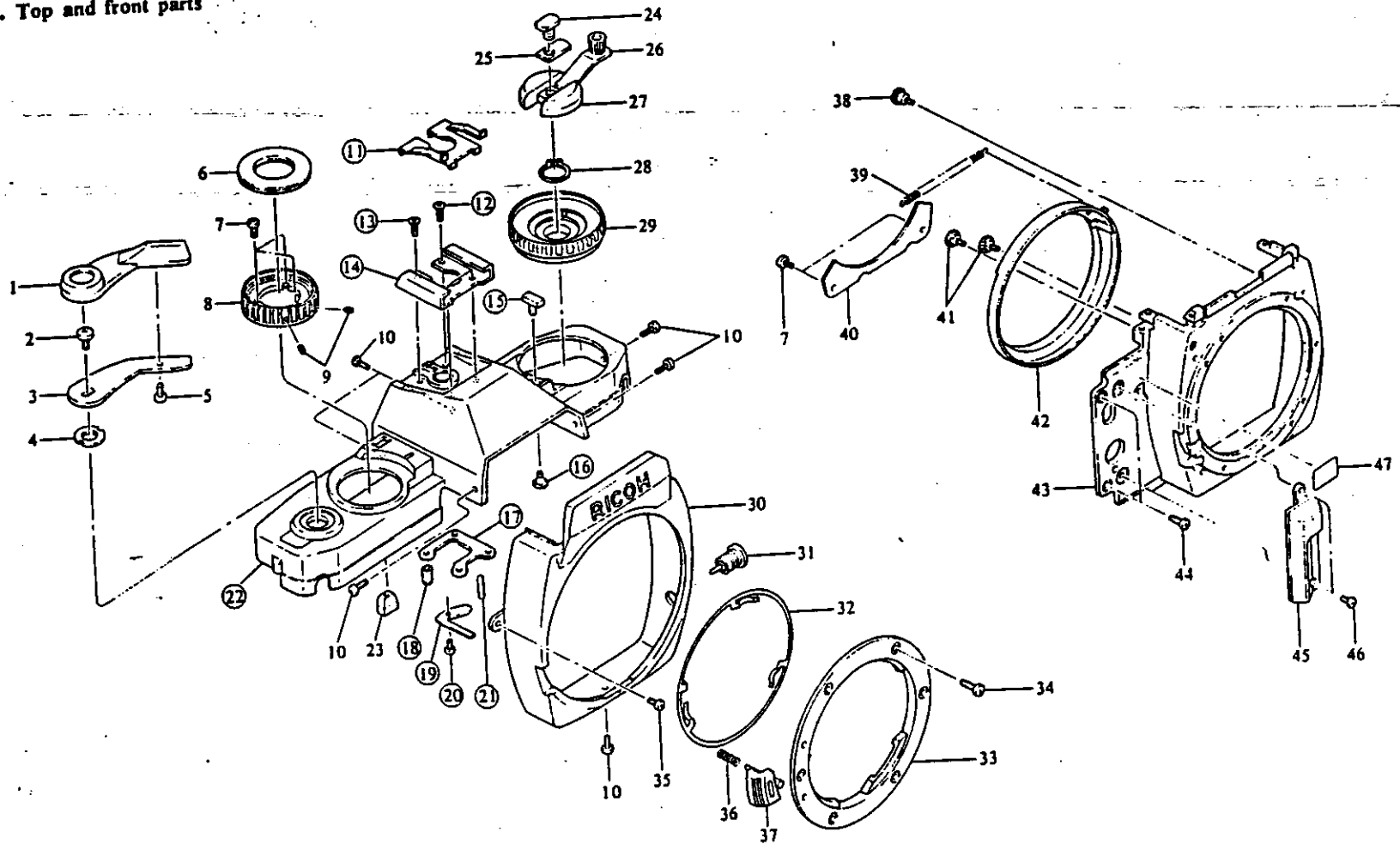
**REPAIR MANUAL  
AND  
REPAIR PARTS**

**RICOH COMPANY LTD**

works properly.

## 8. SKETCH INDEX AND PARTS LIST

### A. Top and front parts

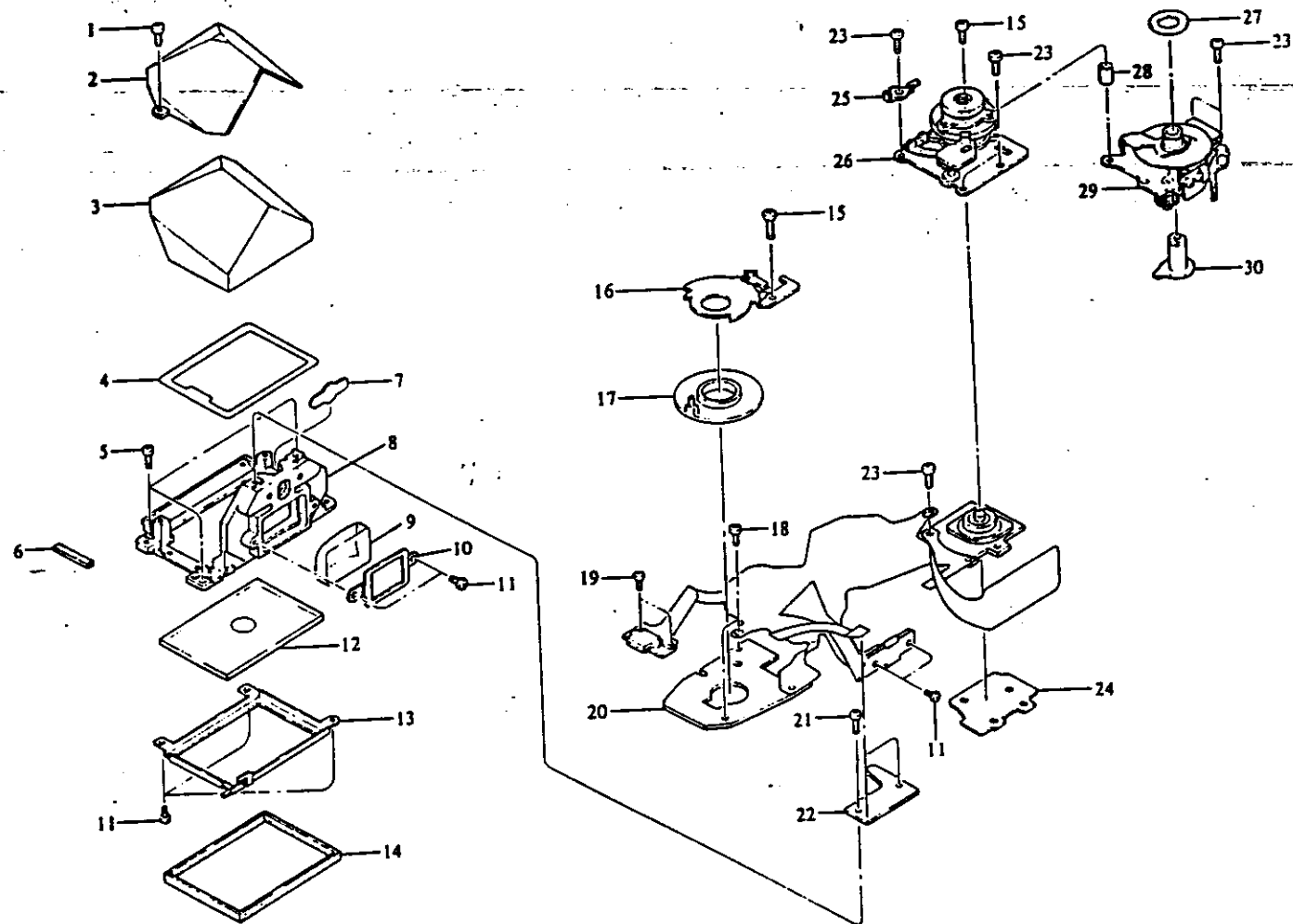


Parts represented by the encircled consecutive numbers are also deliverable as assembly parts.

Sketch No.	Part No.	Description
1	31261103	Cover: wind lever
2	31261105	Screw
3	31261104	Wind lever
4	31261233	Nut: finder cover
5	09842045W	Tapping screw M2.0 x 4.5
6	31262002	Shutter speed plate ass'y
7	02516025Z	Screw M1.6 x 2.5
8	31261258	Shutter dial
9	31261264	Screw
10	02416050Y	Screw M1.6 x 5.0
①	31214252	Spring: accessory shoe
②	02016030Z	Screw M1.6 x 3.0
③	02016040Z	Screw M1.6 x 4.0
④	31261235	Accessory shoe
⑤	31261431	Self button
⑥	31261432	Self switch
(11 ~ 22)	31262007	Finder cover ass'y
23	31261252	Auto lock button
24	31261420	Screw: rewinding disk
25	31261419	Spring: rewinding clank
26	31261017	Rewinding clank ass'y
27	31261416	Rewinding disk
28	31261407	G type ring
29	31261041	ASA dial ass'y
30	31261706	Front cover
31	31261655	Synchrosocket
32	31161672	Spring: mount
33	31161671	Body mount
34	02420040F	Screw M2.0 x 4.0
35	02416025Z	Screw M1.6 x 2.5
36	31261654	Spring: lens lock
37	31261033	Lens lock button ass'y
38	31261630	Holder: F stop ring (B)
39	31261627	F stop spring
40	31262302	Resistor plate
41	31261626	Holder: F stop ring (A)
42	31261032	F stop ring ass'y
43	31261022	Front base plate ass'y
44	02520030Z	Screw M2.0 x 3.0

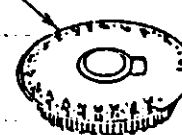
Sketch No.	Part No.	Description
45	31262010	Self LED cover ass'y
46	31261311	Screw
47	31261464	Plate

## B. Viewfinder and film counter parts



Sketch No.	Part No.	Description
1	09841650W	Tapping screw M1.6 x 5.0
2	31261305	Prism cover
3	31261701	Prism
4	31261702	F Mask
5	02416040W	Screw M1.6 x 4.0
6	31261313	LCD shield
7	31261315	Condensed light lens
8	31261301	Prism frame
9	31261306	Eyepiece lens
10	31261309	Mask: eyepiece lens
11	09841425W	Tapping screw M1.4 x 2.5
12	31261719	Fresnel lens
13	31261303	Holder: fresnel lens
14	31261312	Shield: prism frame
15	02416055W	Screw M1.6 x 5.5
16	31261035	ASA contact holder ass'y
17	31261016	ASA contact ass'y
18	02516025Z	Screw M1.6 x 2.5
19	09851425W	Tapping screw M1.4 x 2.5
20	31262053	Circuit board ass'y
21	09841630W	Tapping screw M1.6 x 3.0
22	31261773	Synchro base plate
23	02416030Z	Screw M1.6 x 3.0
24	31261770	Shield plate
25	31261269	Earth plate
26	31262012	Shutter dial base plate ass'y
27	31261234	Washer
28	31261217	Spacer
29	31262011	Film counter ass'y
30	31261001	Wind shaft A ass'y

31261014 Counter plate ass'y



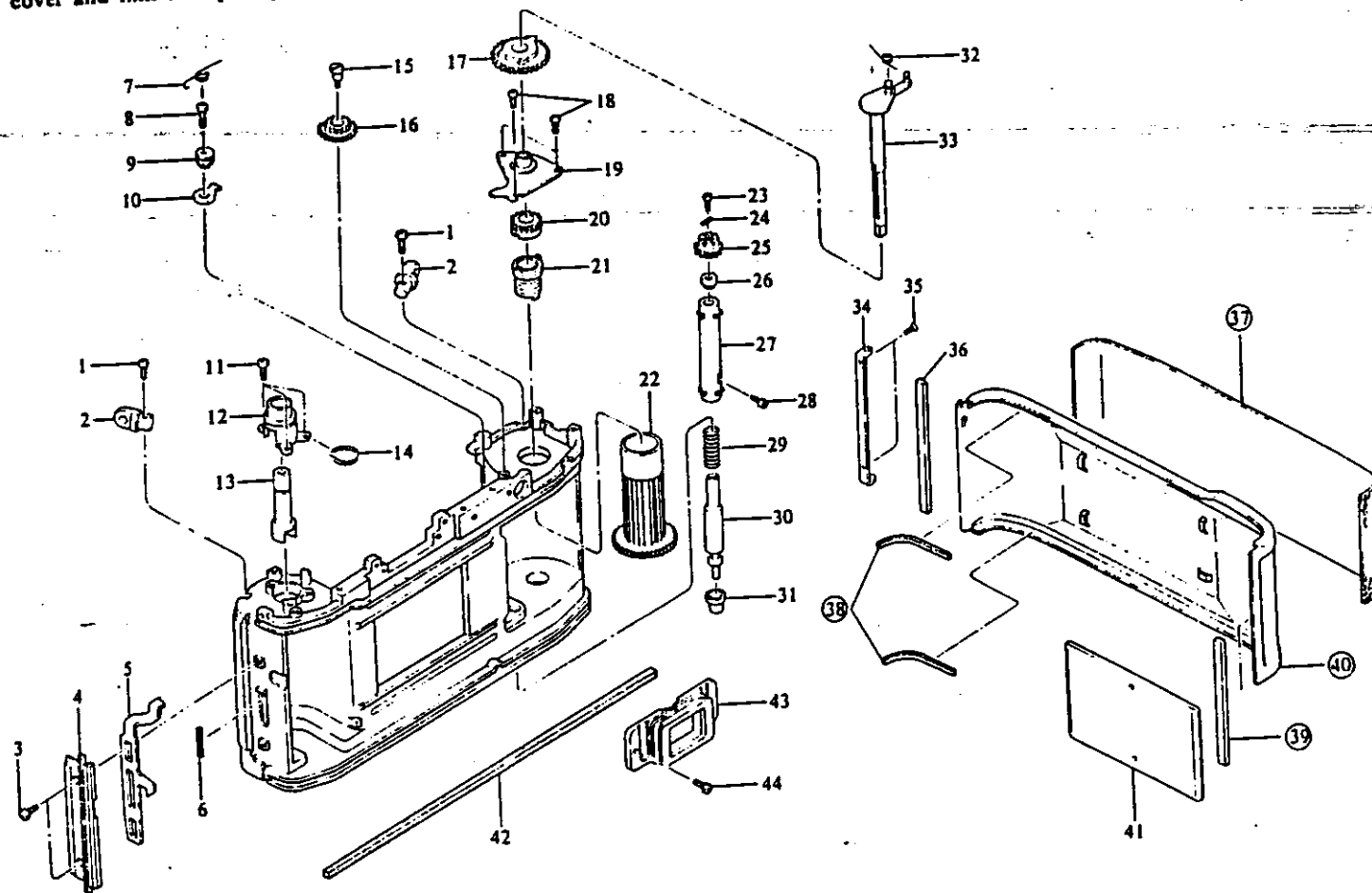
COUNTER ASSY



31261136

Click: Wind up lever

### C. Back cover and film transport parts

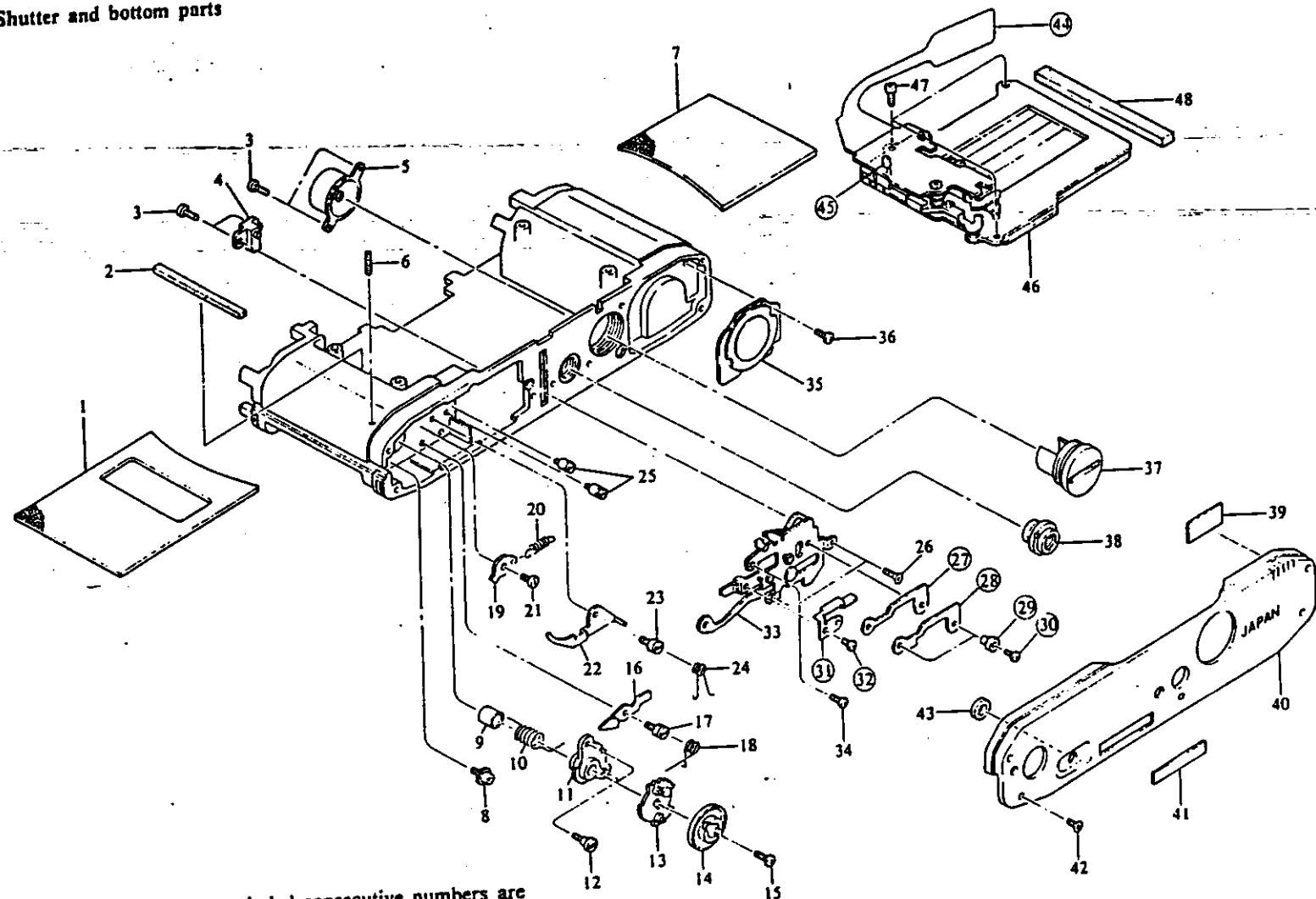


Parts represented by the encircled consecutive numbers are also deliverable as assembly parts.

Sketch No.	Part No.	Description
1	02420065Z	Screw M2.0 x 6.5
2	31161016	Strap metal ass'y
3	02416025Z	Screw M1.6 x 2.5
4	31261461	Clip cover
5	31261460	Back cover latch
6	31261462	Spring: back cover latch
7	31261140	Spring
8	02416040W	Screw M1.6 x 4.0
9	31161128	Eccentric shaft
10	31161127	Stopper: reverse rotation
11	02516025Z	Screw M1.6 x 2.5
12	31261401	Bushing: rewinding shaft
13	31261415	Rewinding shaft
14	31261408	Spring: rewinding shaft
15	31261128	Shaft: gear 2.3
16	31261009	Gear 2.3 ass'y
17	31261008	Gear A ass'y
18	02416030Z	Screw M1.6 x 3.0
19	31261004	Wind shaft base plate A ass'y
20	31261117	Spool gear
21	31261003	Spool friction ass'y
22	31261002	Spool ass'y
23	02414020Z	Screw M1.4 x 2.0
24	31261137	Pin
25	31261133	Sprocket gear
26	31161139	Sprocket metal
27	31161138	Sprocket
28	31261134	Screw: sprocket
29	31214242	Spring: sprocket
30	31261132	Sprocket shaft
31	31195502	Sprocket shaft button
32	31261123	Spring: wind clutch lever
33	31261007	Wind shaft B ass'y
34	31261452	Cover hinge
35	02016030Z	Screw M1.6 x 3.0
36	31261488	Body shield B
37	31261465	Leather: back cover
38	31261492	Back cover shield B
39	31261491	Back cover shield A

Sketch No.	Part No.	Description
(37~40)	31261019	Back cover ass'y
41	31261020	Pressure plate ass'y
42	31261487	Body shield A
43	31261310	Eyepiece frame
44	31261311	Screw

# D. Shutter and bottom parts



Parts represented by the encircled consecutive numbers are also deliverable as assembly parts.



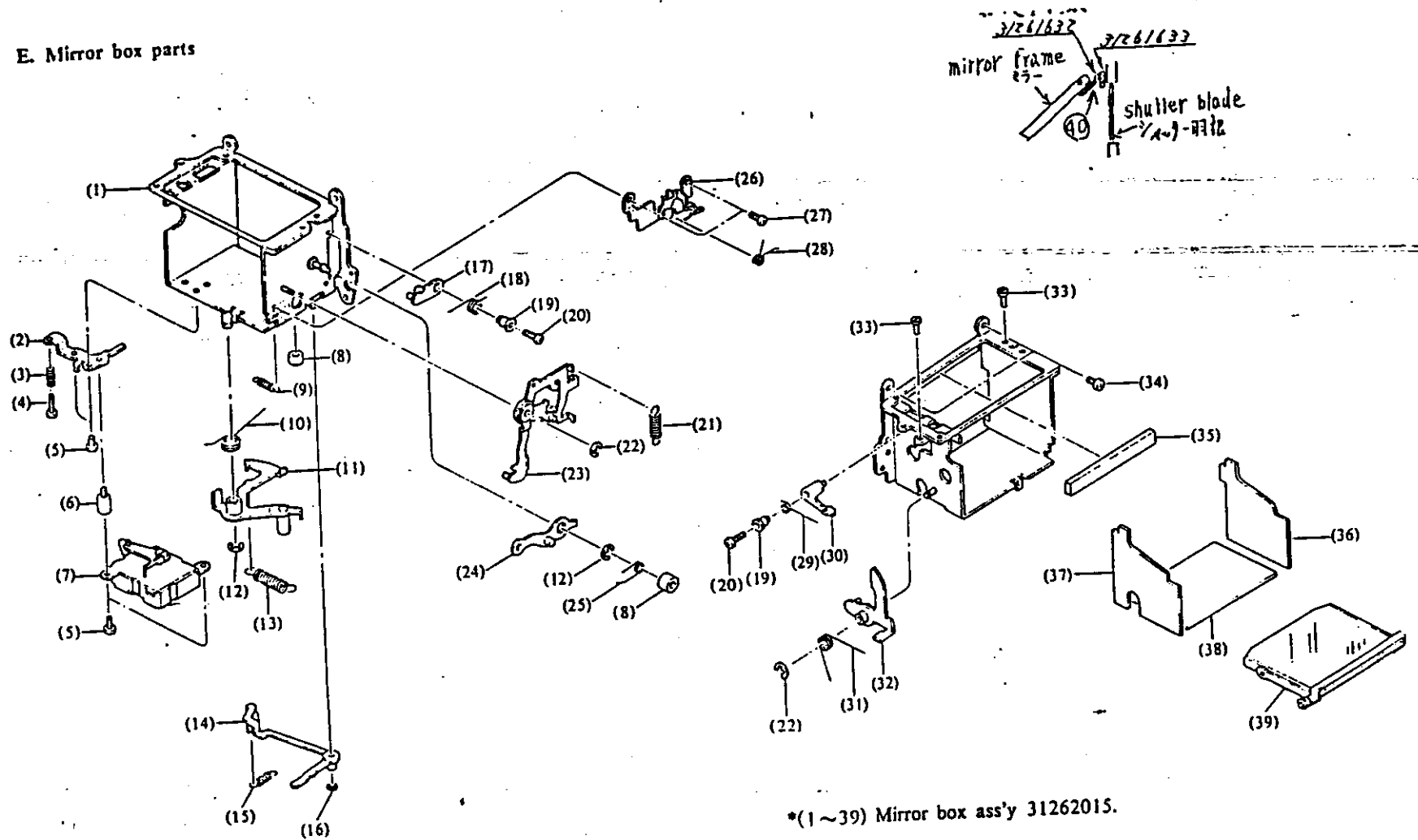
Sketch No.	Part No.	Description
1	31261708	Front leather: right
2	31261494	Body shield
3	02416025Z	Screw: M1.6 × 2.5
4	31261013	Winder contact ass'y
5	31261021	Battery case ass'y
6	05020080W	Screw M2.0 × 8.0
7	31261707	Front leather: left
8	31261186	Winder set position shaft
9	31261113	Holder: rewinding spring
10	31261112	Rewinding spring
11	31261151	Holder: wind shaft
12	31261190	Screw
13	31261011	Wind ratchet ass'y
14	31261182	Winder connection shaft
15	31261142	Screw: winder connection shaft
16	31261159	Lock lever
17	31261160	Shaft: lock lever
18	31261161	Spring: lock lever
19	31261155	Nail lever
20	31261189	Spring: nail lever
21	31196250	Shaft: nail lever
22	31261157	Safety lever
23	31261158	Shaft: safety lever
24	31261188	Spring: safety lever
25	31261156	Spring hock
26	02016030Z	Screw M1.6 × 3.0
27	31261181	Washer B
28	31261179	Contact (+): wind end
29	31261180	Washer A
30	02416020Z	Screw M1.6 × 2.0
31	31261178	Contact (-): wind end
32	02416016W	Screw M1.6 × 1.6
(27~33)	31261038	Wind connection lever guide ass'y
34	02416030Z	Screw M1.6 × 3.0
35	31261771	Self speaker
36	09841620Z	Tapping screw M1.6 × 2.0
37	31261046	Battery cover ass'y
38	31261481	Tripod socket
39	31261242	Shield

Sketch No.	Part No.	Description
40	31261231	Bottom cover
41	31261716	Number plate
42	02016030Y	Screw M1.6 × 3.0
43	31261493	Shield ring
44	31261071	FPC
45	31261756	Self LED
(44~46)	31261042	Shutter ass'y
47	02420025Z	Screw M2.0 × 2.5
48	31163005	S shield

NOTE: CONT.

move the

# E. Mirror box parts



\*(1~39) Mirror box ass'y 31262015.

Part numbers from No. 1 to No. 39 are also deliverable as assembly part number 31262015.

Sketch No.	Part No.	Description
(2)	31261550	Mg base plate
(3)	31161608	Spring
(4)	31161609	Screw
(5)	02416020Z	Screw M1.6 x 2.0
(6)	31261551	Screw
(6)	31261549	Release Mg.
(8)	31261523	Stopper: diaphragm lever
(9)	31261562	Spring: Q set stopper
(10)	31261539	Spring: Q set lever
(11)	31261029	Q set lever ass'y
(12)	07200020C	Retaining ring
(13)	31261542	Q return spring
(14)	31261030	Release lever ass'y
(15)	31261548	Spring: release lever
(16)	07200012C	Retaining ring
(17)	31261040	Adjusting lever (right) ass'y: M frame
(18)	31261560	Spring: adjusting lever (right)
(19)	31261517	Shaft: adjusting lever (left)
(20)	02416040W	Screw M1.6 x 4.0
(21)	31261532	Spring: diaphragm lever
(22)	07200015C	Retaining ring
(23)	31262005	Diaphragm lever ass'y
(24)	31261026	Mirror up lever ass'y
(25)	31261530	Spring: Mirror up lever
(26)	31261036	S lever base plate ass'y
(27)	02416016W	Screw M1.6 x 1.6
(28)	31261535	Spring: S lever
(29)	31261518	Spring: adjusting lever (left)
(30)	31261025	Adjusting lever (left) ass'y: M frame
(31)	31261605	Spring: focus adjusting
(32)	31261031	Focus adjusting arm ass'y
(33)	31261561	Adjusting screw
(34)	02520030Z	Screw M2.0 x 3.0
(35)	31261563	Shield
(36)	31261552	Shield (right)
(37)	31261553	Shield (left)
(38)	31261554	Shield (bottom)
(39)	31262006	Mirror frame ass'y
(1~39)	31262015	Mirror box ass'y

40 31261030 shield

# 9. PARTS INDEX

Part No.	Description	Sketch No.	RETAIL PRICE
31261001	Wind shaft A ass'y	B-30	.81
31261002	Spool ass'y	C-22	1.60
31261003	Spool friction ass'y	C-21	1.62
31261004	Wind shaft base plate A ass'y	C-19	.96
31261007	Wind shaft B ass'y	C-33	2.54
31261008	Gear A ass'y	C-17	1.83
31261009	Gear 2.3 ass'y	C-16	1.47
31261011	Wind ratchet ass'y	D-13	1.25
31261013	Winder contact ass'y	D-4	.69
31261016	ASA contact ass'y	B-17	2.03
31261017	Rewinding clank ass'y	A-26	.51
31261019	Back cover ass'y	C-37~40	7.88
31261020	Pressure plate ass'y	C-41	2.57
31261021	Battery case ass'y	D-5	.40
31261022	Front base plate ass'y	A-43	6.02
31261025	Adjusting lever (left) ass'y: M frame	E-30	.31
31261026	Mirror up lever ass'y	E-24	.50
31261029	Q set lever ass'y	E-11	1.80
31261030	Release lever ass'y	E-14	.86
31261031	Focus adjusting arm ass'y	E-32	.69
31261032	F stop ring ass'y	A-42	4.62
31261033	Lens lock button ass'y	A-37	1.29
31261035	ASA contact holder ass'y	B-16	.98
31261036	S lever base plate ass'y	E 26	.83
31261038	Wind connection lever guide ass'y	D-(26~33)	7.46
31261040	Adjusting lever (right) ass'y: M frame	E-17	.35
31261041	ASA dial ass'y	A-29	2.23
31261042	Shutter ass'y	D-(44-46)	95.91
31261046	Battery cover ass'y	D-37	1.85
31261071	FPC	D-44	1.01
31261103	Cover: wind lever	A-1	.25
31261104	Wind lever	A-3	.30
31261105	Screw	A-2	.05
31261112	Rewinding spring	D-10	.13
31261113	Holder: rewinding spring	D-9	.17
31261117	Spool gear	C-20	.18
31261123	Spring: wind clutch lever	C-32	.07

Part No.	Description	Sketch No.
31261128	Shaft: gear 2.3	C-15
31261132	Sprocket shaft	C-30
31261133	Sprocket gear	C-25
31261134	Screw: sprocket	C-28
31261140	Spring	C-7
31261151	Holder: wind shaft	D-11
31261155	Nail lever	D-19
31261156	Spring hook	D-25
31261157	Safety lever	D-22
31261158	Shaft: safety lever	D-23
31261159	Lock lever	D-16
31261160	Shaft: lock lever	D-17
31261161	Spring: lock lever	D-18
31261178	Contact ⊖: wind end	D-19
31261179	Contact ⊕: wind end	D-20
31261180	Washer A	D-21
31261181	Washer B	D-14
31261182	Winder connection shaft	D-8
31261186	Winder set position shaft	D-24
31261188	Spring: safety lever	D-20
31261189	Spring: nail lever	D-12
31261190	Screw	B-28
31261217	Spacer	D-40
31261231	Bottom cover	A-4
31261233	Nut: finder cover	B 27
31261234	Washer	A 43
31261235	Accessory shoe	D-39
31261242	Shield	A-23
31261252	Auto lock button	A-8
31261258	Shutter dial	A-9
31261264	Screw	B-25
31261269	Earth plate	B-8
31261301	Prism frame	B-13
31261303	Holder: fresnel lens	B-2
31261305	Prism cover	B-9
31261306	Eyepiece lens	B-10
31261309	Mask: eyepiece lens	C-43
31261310	Eyepiece frame	A-46, C-44
31261311	Screw	

Part No.	Description	Sketch No.	RETAIL PRICE
31261312	Shield: prism frame	B-14	.12
31261313	LCD shield	B-6	.12
31261315	Condensed light lens	B-7	.78
31261401	Bushing: rewinding shaft	C-12	.46
31261407	G type ring	A-28	.08
31261408	Spring: rewinding shaft	C-14	.08
31261415	Rewinding shaft	C-13	.86
31261416	Rewinding disk	A-27	.51
31261419	Spring: rewinding clank	A-25	.13
31261420	Screw: rewinding disk	A-24	.45
31261431	Self button	A-13	.35
31261432	Self switch	A-16	.70
31261452	Cover finge	C-34	.17
31261460	Back cover latch	C-5	.54
31261461	Clip cover	C-4	.21
31261462	Spring: back cover latch	C-6	.07
31261464	Plate	A-47	.07
31261465	Leather: back cover	C-37	.59
31261481	Tripod socket	D-38	.81
31261487	Body shield A	C-42	.08
31261488	Body shield B	C-36	.07
31261491	Back cover shield A	C-39	.12
31261492	Back cover shield B	C-38	.07
31261493	Shield ring	D-43	.07
31261494	Body shield	D-2	.07
31261517	Shaft: adjusting lever (left)	E-19	.12
31261518	Spring: adjusting lever (left)	E-29	.12
31261523	Stopper: diaphragm lever	E-8	.12
31261530	Spring: mirror up lever	E-25	.21
31261532	Spring: diaphragm lever	E-21	.18
31261535	Spring: S lever	E-28	.05
31261539	Spring: Q set lever	E-10	.13
31261542	Q return spring	E-13	.18
31261548	Spring: release lever	E-15	.18
31261549	Release Mg	E-7	11.65
31261550	Mg base plate	E-2	.31
31261551	Screw	E-6	.26
31261552	Shield (right)	E-36	.18
31261553	Shield (left)	E-37	.18

Part No.	Description	Sketch No.	REF. PR.
31261554	Shield (bottom)	E-38	.
31261560	Spring: adjusting lever (right)	E-18	.
31261561	Adjusting screw	E-33	.
31261562	Spring: Q set stopper	E-9	.
31261563	Shield	E-35	.
31261605	Spring: focus adjusting	E-31	.
31261626	Holder: F stop ring (A)	A-41	.
31261627	F stop spring	A-39	.
31261630	Holder: F stop ring (B)	A-38	.
31261654	Spring: lens lock	A-36	.
31261655	Synchrosocket	A-31	.
31261701	Prism	B-3	27
31261702	F Mask	B-4	1
31261707	Front leather: left	D-7	.
31261708	Front leather: right	D-1	.
31261706	Front cover	A-30	2.
31261716	No. plate	D-41	.
31261719	Fresnel lens	B-12	3.
31261756	Self LED	D-45	.
31261770	Shield plate	B-24	.
31261771	Self speaker	D-35	4.
31261773	Synchro base plate	B-22	1.
31262002	Shutter speed plate ass'y	A-6	2.
31262004	Mirror box	E-1	.
31262005	Diaphragm lever ass'y	E-23	1.
31262006	Mirror frame ass'y	E-39	4.
31262007	Finder cover ass'y	A-(11~22)	6
31262010	Self LED cover ass'y	A-45	.
31262011	Film counter ass'y	B-29	5
31262012	Shutter dial base plate ass'y	B-26	6.
31262015	Mirror box ass'y	E-(1~39)	44.
31262053	Circuit board ass'y	B-20	82.
31262302	Resistor plate	A-40	4.
31161016	Strap metal ass'y	C-2	1
31161127	Stopper: reverse rotation	C-10	2.
31161128	Eccentric shaft	C-9	.
31161137	Pin	C-24	.
31161138	Sprocket	C-27	1.
31161139	Sprocket metal	C-26	1

Part No.	Description	Sketch No.	RETAIL PRICE
31161608	Spring	E-3	.04
31161609	Screw	E-4	.04
31161671	Lens mount	A-33	11.85
31161672	Spring: mount	A-32	.88
31163005	S shield	D-48	.07
31195502	Sprocket shaft button	C-31	.18
31196250	Shaft: nail lever	D-21	.26
31214242	Spring: sprocket	C-29	.04
31214252	Spring: accessory shoe	A-11	.66
31216142	Screw: winder connection shaft	D-15	.07
• 02016030Z	Screw M1.6 x 3.0	D-26,C-35,A-12	.05
• 02016030Y	Screw M1.6 x 3.0	D-42	.05
• 02016040Z	Screw M1.6 x 4.0	A-13	.05
• 02414020Z	Screw M1.4 x 2.0	C-23	.05
• 02416016W	Screw M1.6 x 1.6	D-2,E-27	.05
• 02416020Z	Screw M1.6 x 2.0	D-10	.05
• 02416025Z	Screw M1.6 x 2.5	A-35,C-3,A-35,C-3	.05
• 02416030Z	Screw M1.6 x 3.0	D-34,C-18,B-23	.05
• 02416040W	Screw M1.6 x 4.0	B-5,C-8	.05
• 02416050Y	Screw M1.6 x 5.0	A-10	.05
• 02416055W	Screw M1.6 x 5.5	B-15	.05
• 02420025Z	Screw M2.0 x 2.5	D-47	.05
• 02420040F	Screw M2.0 x 4.0	A-34	.05
• 02420065Z	Screw M2.0 x 6.5	C-1	.05
• 02516025Z	Screw M1.6 x 2.5	B-28,C-11	.05
• 02520030Z	Screw M2.0 x 3.0	E-34,A44	.05
• 05020080W	Screw M2.0 x 8.0	D-6	.05
• 09841425W	Tapping screw M1.4 x 2.5	B-11	.05
• 09841620Z	Tapping screw M1.6 x 2.0	D-36	.05
• 09841630W	Tapping screw M1.6 x 3.0	B-21	.05
• 09841650W	Tapping screw M1.6 x 5.0	B-1	.05
• 09842045W	Tapping screw M2.0 x 4.5	A-5	.05
• 09851425W	Tapping screw M1.4 x 2.5	B-19	.05
07200012C	Retaining ring 12φ	E-16	
07200015C	Retaining ring 15φ	E-22	
07200020C	Retaining ring 20φ	E-12	

\*Mark parts will be supplied minimum 100 pcs. unit.